

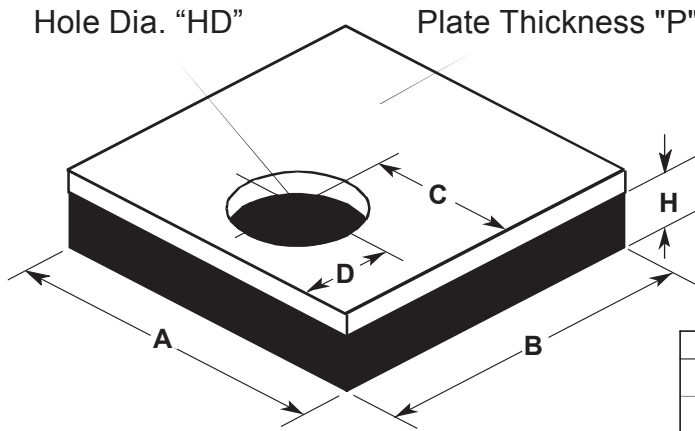


MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products
 350 Rabro Drive 2101 W. Crescent Ave., Suite D
 Hauppauge, NY 11788 Anaheim, CA 92801
 631/348-0282 714/535-2727
 FAX 631/348-0279 FAX 714/535-5738
 Info@Mason-Ind.com Info@MasonAnaheim.com
 www.Mason-Ind.com

JOB NAME _____
 CUSTOMER _____
 CUSTOMER P.O. _____
 MASON M.I. _____
 DWG. NO. _____

BBPMH
 Bridge Quality
 Neoprene
 Bearing Pad
 with Steel Plate
 & Hole



ACTUAL PAD SIZES ARE AS SCHEDULED BELOW

Type BBPMH Thickness

Size (H)	
(in)	(mm)
1/4	6
3/8	10
1/2	13
5/8	16
3/4	19
1	25
1 1/4	32
1 1/2	38

BRIDGE BEARING NEOPRENE SPECIFICATIONS							
ORIGINAL PHYSICAL PROPERTIES			TESTING FOR AGING			COMPRESSION SET	
(a)	(b)	(b)	(c)			(d)	(e)
Duro-meter	Tensile Strength [min]	Elongat. at Break [min]	Hard-ness [max]	Tensile Strength [max]	Elongat. at Break [min]	100 ppm in air by Vol. 20% Strain 100°F	22hrs/212°F Method B
40±5	2000 psi	450%	+15%	±15%	-40%	No Cracks	35% (max)
50±5	2250 psi	400%	+15%	±15%	-40%	No Cracks	35% (max)
60±5	2250 psi	350%	+15%	±15%	-40%	No Cracks	35% (max)

(a)ASTM D-2240 (b)ASTM D-412 (c)ASTM D-573 (d)ASTM D-1149 (e)ASTM D-395

Typical 1" 25mm Thick 60 duro BBP Loadings

Lower Load at 0.10" 3mm Deflection				Maximum Load at 0.15" 3.8mm Deflection			
Pad Size (A x B) (in) (mm)	Load Range (lbs) (kg)	Pad Size (A x B) (in) (mm)	Load Range (lbs) (kg)	Pad Size (A x B) (in) (mm)	Load Range (lbs) (kg)	Pad Size (A x B) (in) (mm)	Load Range (lbs) (kg)
2 x 2 51 x 51	300 - 450 135 - 205	8 x 8 203 x 203	20800 - 31200 10635 - 15955	10 x 10 254 x 254	42500 - 63750 19320 - 28980	12 x 12 305 x 305	79200 - 118800 36000 - 54000
3 x 3 76 x 76	990 - 1485 450 - 675	8 x 12 203 x 305	38400 - 57600 17455 - 26180	10 x 12 254 x 305	55200 - 82800 25090 - 37635	15 x 15 381 x 381	146250 - 219375 66480 - 99715
3 x 6 76 x 152	2340 - 3510 1065 - 1595	18 x 18 457 x 457	243000 - 364000 110455 - 165455	4 x 6 102 x 152	4080 - 6120 1855 - 2780	24 x 24 576 x 576	432000 - 648000 196365 - 294545
4 x 4 102 x 102	2400 - 3600 1090 - 1635	15 x 15 381 x 381	146250 - 219375 66480 - 99715	6 x 6 152 x 152	7600 - 12000 3455 - 5455		
4 x 6 102 x 152	4080 - 6120 1855 - 2780	18 x 18 457 x 457	243000 - 364000 110455 - 165455	6 x 8 152 x 203	12000 - 18000 5455 - 8180		
6 x 6 152 x 152	7600 - 12000 3455 - 5455			6 x 12 152 x 305	23400 - 35100 9455 - 14180		

Approximate Load Corrections

1/2" 13mm Pads - Twice the load 2" 50mm Pads - Half the Load
 40 Duro-55%, 50 Duro-75%, 70 Duro-160% of 60 Duro loadings

PLAN VIEW OF PAD LOCATIONS

TAG : _____
 UNIT : _____



Durometer of Pad Material to be: **DURO**

1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :

Material for One Set : _____ Sets Required

Type BBPMH Dimensions						
(inches)	(mm)					
A	B	C	D	H	P	HD